

*CJ*

L60→Q, SEQ ID NO: 23 Ty 56-70 L60→F, SEQ ID NO: 24; Ty 56-70 L60→V, SEQ ID NO: 25; Ty 56-70 A63→Q, SEQ ID NO: 26; Ty 56-70 A63→V, SEQ ID NO: 5; Ty 56-70 P64→Q, SEQ ID NO: 27; Ty 56-70 P64→V, SEQ ID NO: 28; Ty 56-70 L65→Q, SEQ ID NO: 29; Ty 56-70 L65→V, SEQ ID NO: 3; Ty 57-70, SEQ ID NO: 2; Ty 58-70, SEQ ID NO: 30; Ty 59-71, SEQ ID NO: 31; Ty 60-72, SEQ ID NO: 32; Ty 61-75, SEQ ID NO: 33. --

*V2*

On page 7, line 5, after the sentence please insert the following: -- Sequence identifiers for Fig. 9: Ty 448-462, SEQ ID NO: 6; Ty 448-462 Y449→Q, SEQ ID NO: 8; Ty 448-462 Y449→F, SEQ ID NO: 9; Ty 448-462 Y451→Q, SEQ ID NO: 34; Ty 448-462 Y451→F, SEQ ID NO: 10; Ty 448-462 L452→Q, SEQ ID NO: 35; Ty 448-462 L452→F, SEQ ID NO: 36; Ty 449-462, SEQ ID NO: 13; Ty 450-462, SEQ ID NO: 14; Ty 451-462, SEQ ID NO: 37; Ty 452-462, SEQ ID NO: 38. --

On page 12, line 35 after "(Ty 56-70)", insert -- (SEQ ID NO: 1) --.

On page 12, line 35 after "(Ty 57-70)", insert -- (SEQ ID NO: 2) --.

On page 13, line 1 after "(Ty 448-462)", insert -- (SEQ ID NO: 6) --.

On page 13, line 1 after "(Ty 449-462)", insert -- (SEQ ID NO: 13) --.

On page 13, line 2 after "(Ty 450-462)", insert -- (SEQ ID NO: 14) --.

On page 13, line 5 after "(Ty 56-70, L65→V)", insert -- (SEQ ID NO: 3) --.

On page 13, line 6 after "and L65→V)", insert -- (SEQ ID NO: 4) --.

On page 13, line 6 after "A63→V)", insert -- (SEQ ID NO: 5) --.

On page 13, line 7 after "F460→S)", insert -- (SEQ ID NO: 7) --.

On page 13, line 8 after "Y449→Q)", insert -- (SEQ ID NO: 8) --.

On page 13, line 8 after "Y449→F)", insert -- (SEQ ID NO: 9) --.

On page 13, line 9 after "Y451→F)", insert -- (SEQ ID NO: 10) --.

On page 13, line 10 after "D456→V)", insert -- (SEQ ID NO: 11) --.

On page 13, line 11 after "D456→V)", insert -- (SEQ ID NO: 12) --.

On page 14, line 31 after "(Ty 56-70)", insert -- (SEQ ID NO: 1) --.

On page 14, line 32 after "(Ty 57-70)", insert -- (SEQ ID NO: 2) --.

On page 14, line 32 after "(Ty 448-462)", insert -- (SEQ ID NO: 6) --.

On page 14, line 33 after "(Ty 449-462)", insert -- (SEQ ID NO: 13) --.

On page 14, line 33 after "(Ty 450-462)", insert -- (SEQ ID NO: 14) --.

On page 14, line 34 after "(Ty 56-70, L65→V)", insert -- (SEQ ID NO: 3) --.

On page 14, line 35 after "and L65→V)", insert -- (SEQ ID NO: 4) --.

On page 14, line 35 after "A63→V)", insert -- (SEQ ID NO: 5) --.

On page 15, line 1 after "F460→S)", insert -- (SEQ ID NO: 7) --.

On page 15, line 2 after "Y449→Q)", insert -- (SEQ ID NO: 8) --.

On page 15, line 2 after "Y449→F)", insert -- (SEQ ID NO: 9) --.

On page 15, line 3 after "Y451→F)", insert -- (SEQ ID NO: 10) --.

On page 15, line 4 after "D456→V)", insert -- (SEQ ID NO: 11) --.

On page 15, line 4 after "D456→V)", insert -- (SEQ ID NO: 12) --.

On page 18, line 23 after "(Ty 56-70)", insert -- (SEQ ID NO: 1) --.

On page 18, line 23 after "(Ty 57-70)", insert -- (SEQ ID NO: 2) --.

On page 18, line 24 after "(Ty 448-462)", insert -- (SEQ ID NO: 6) --.

On page 18, line 24 after "(Ty 449-462)", insert -- (SEQ ID NO: 13) --.

On page 18, line 25 after "(Ty 450-462)", insert -- (SEQ ID NO: 14) --.

On page 18, line 25 after "(Ty 56-70, L65→V)", insert -- (SEQ ID NO: 3) --.

On page 18, line 26 after "and L65→V)", insert -- (SEQ ID NO: 4) --.

On page 18, line 27 after "A63→V)", insert -- (SEQ ID NO: 5) --.

On page 18, line 27 after "F460→S)", insert -- (SEQ ID NO: 7) --.

On page 18, line 28 after "Y449→Q)", insert -- (SEQ ID NO: 8) --.

On page 18, line 29 after "Y449→F)", insert -- (SEQ ID NO: 9) --.

On page 18, line 29 after "Y451→F)", insert -- (SEQ ID NO: 10) --.

On page 18, line 29 after "D456→V)", insert -- (SEQ ID NO: 11) --.

On page 18, line 31 after "D456→V)", insert -- (SEQ ID NO: 12) --.

On page 23, line 11 after "(Ty 56-70)", insert -- (SEQ ID NO: 1) --.

On page 23, line 11 after "(Ty 57-70)", insert -- (SEQ ID NO: 2) --.

On page 23, line 12 after "(Ty 448-462)", insert -- (SEQ ID NO: 6) --.

On page 23, line 12 after "(Ty 449-462)", insert -- (SEQ ID NO: 13) --.

On page 23, line 13 after "(Ty 450-462)", insert -- (SEQ ID NO: 14) --.

On page 23, line 14 after "(Ty 56-70, L65→V)", insert -- (SEQ ID NO: 3) --.

On page 23, line 14 after "and L65→V)", insert -- (SEQ ID NO: 4) --.

On page 23, line 15 after "A63→V)", insert -- (SEQ ID NO: 5) --.

On page 23, line 16 after "F460→S)", insert -- (SEQ ID NO: 7) --.

On page 23, line 16 after "Y449→Q)", insert -- (SEQ ID NO: 8) --.

On page 23, line 17 after "Y449→F)", insert -- (SEQ ID NO: 9) --.

On page 23, line 18 after "Y451→F)", insert -- (SEQ ID NO: 10) --.